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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 3

Complete if Known	
Application Number	09/592,404
Filing Date	June 13, 2000
First Named Inventor	Nicholas J. Hammond
Art Unit	2131
Examiner Name	Christian A. LaForgia
Attorney Docket Number	05456.105045

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No.[1]	Document Number Number - Kind Code[2] (*if known*)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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FOREIGN PATENT DOCUMENTS

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		WO 1998/041919 A1	09-24-1998	Trend Micro, Inc. et al.	4-7	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 3

Complete if Known	
Application Number	09/592,404
Filing Date	June 13, 2000
First Named Inventor	Nicholas J. Hammond
Art Unit	2131
Examiner Name	Christian A. LaForgia
Attorney Docket Number	05456.105045

NON PATENT LITERATURE DOCUMENTS

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		Internet Security Systems, SAFEsuite Enterprise, SAFEsuite Decisions, 1998. (Pertinent Pages 15-23, ch. 2, sect. B)	
		KO et al., Execution Monitoring of Security-Critical Programs in Distributed Systems: A Specification-Based Approach, 1997, Proceedings of the 1997 IEEE Symposium on Security and Privacy, Pages 175-187. (Pertinent Page 186, para. 6)	
		ANDERSON et al., Next-Generation Intrusion Detection Expert System (NIDES), A Summary, May 1995, SRI International, Pages 1-37. (Pertinent Pages 20-26, sects. 2.5.1-2.5.2)	
		DENNING, An Intrusion-Detection Model, February 1987, IEEE Transactions on Software Engineering, Vol. SE-13, No. 2, Pages 1-17. (Pertinent Pages 3-5, sect. IV)	
		LINDQVIST et al., eXpert-BSM: A Host-based Intrusion Detection Solution for Sun Solaris, SRI International, Menlo Park, California, December 10-14, 2001, Proceedings of the 17th Annual Computer Security Applications Conference, Pages 1-12. (Pertinent Pages 7-9, sects. 4.2-4.3)	
		NetworkICE Corporation, ICEcap Administrator's Guide, Version 1.0 BETA, 1999, Pages 1-142. (Pertinent Pages 79-82)	
		SRI International, A Prototype IDES: A Real-Time Intrusion-Detection Expert System, August 1987, Page 1-63. (Pertinent Pages 25-41, sects. 7.1.1-7.5.3)	
		LUNT, Teresa, Automated Audit Trail Analysis and Intrusion Detection: A Survey, Proceedings of the 11th National Computer Security Conference, October 1988, Pages 1-8. (Pertinent Pages 4-5, sect. 3.2)	
		BACE, An Introduction to Intrusion Detection and Assessment for System and Network Security Management, April 1999, Pages 1-38. (Pertinent Pages 24-27)	
		RealSecure, Adaptive Network Security Manager Module Programmer's Reference Manual, 1999, pp. 1-74. (Pertinent Pages 5-6, ch. 2)	
		PERROCHON et al., Enlisting Event Patterns for Cyber Battlefield Awareness, DARPA Information Survivability Conference and Exposition, 2000, DISCEX Proceedings, Jan. 2000 Stanford University, pp. 1-12. (Pertinent Pages 6-10, sects. 3.1-3.2)	
		CUPPENS, Cooperative Intrusion Detection, pp. 1-10. (Pertinent Pages 4-9, sects. 4-7)	
		MUKHERJEE et al., Network Intrusion Detection, IEEE Network, May/June 1994, pp. 26-41. (Pertinent Page 30, sect. Intrusion Detection Expert System (IDES))	
		BASS, Intrusion Detection System and Multisensor Data Fusion, April 2000, Communications of the ACM, Vol. 43, No. 4, pp. 99-105. (Pertinent Pages 101-105, sects. 2-3)	

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		METCALF et al., Intrusion Detection System Requirements, September 2000, Mitre Corporation, pp. 1-33. (Pertinent Pages 3-11)	
		RealSecure Release 1.2 for UNIX A User Guide and Reference Manual, 1997, Internet Security Systems, Inc., pp. 1-92. (Pertinent Pages 55-78)	
		Internet Scanner SAFE SAFEsuite 4.0 User Guide and Reference Manual, 1996, Internet Security Systems, Inc., pp. 1-158. (Pertinent Pages 4-2 to 4-9, ch. 4)	
		ANDERSON et al., Detecting Unusual Program Behavior Using the Statistical Components of the Next-Generation Intrusion Detection Expert System (NIDES), May 1995, SRI International, pp. 1-89. (Pertinent Pages 15-23, sects. 3.1-3.4.4)	
		"Internet Scanner™, User Guide," Version 6.0, Copyright © 1999 by Internet Security Systems, Inc., pgs. 1-182. (Pertinent Pages 9-36, ch. 2)	
		MOUNJI et al., Distributed Audit Trail Analysis, Proceedings of the Symposium on Network and Distributed System Security, San Diego, CA, February 16-17, 1995, PP. 102-112. (Pertinent Pages 102-112, sects. 5-7)	
		FISCH et al., "The Design of an Audit Trail Analysis Tool," Proceedings of the 10th Annual Computer Security Applications Conference, December 5-9, 1994, Orlando, Florida, pp. 126-132. (Pertinent Pages 126-127, sects. 1-2)	
		VARADHARAJAN, Vijay, "Design and Management of a Secure Networked Administration System: A Practical Approach," 18th National Information Systems Security Conference, October 22-25, 1995, Baltimore, Maryland, pp. 570-580. (Pertinent Pages 570-571, sect. 2)	

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